

Title (en)

A VACCINE ADMINISTRATION APPARATUS AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERABREICHUNG VON IMPFSTOFFEN

Title (fr)

APPAREIL ET PROCÉDÉ D'ADMINISTRATION DE VACCINS

Publication

EP 4181989 A1 20230524 (EN)

Application

EP 21740531 A 20210709

Priority

- EP 20185705 A 20200714
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- EP 2021069137 W 20210709

Abstract (en)

[origin: US2022016360A1] A single dose aerosol chamber is used with a dispensing apparatus by users to take a chamber, fill the chamber with an aerosolized vaccine, and dispose of used chambers. A display provides instructions to encourage prompt inhalation by the user from a dispensed and filled chamber. The station allows very fast administration of vaccines to large numbers of people. The aerosol dispenser apparatus detects the chamber is in correct position and delivers a pre-determined dose of aerosol. The chamber has a nebulizer delivery port optimized for delivery of aerosol into the chamber container and to act as a vent during inhalation via the inhalation port.

IPC 8 full level

A61M 15/00 (2006.01); **A61M 11/00** (2006.01); **A61M 15/08** (2006.01); **A61M 16/06** (2006.01); **B65D 83/00** (2006.01); **G07F 7/06** (2006.01); **G07F 13/02** (2006.01); **G07F 13/08** (2006.01); **G07F 13/10** (2006.01); **G07F 17/00** (2006.01); **G16H 20/13** (2018.01)

CPC (source: EP US)

A61M 11/003 (2014.02 - US); **A61M 11/04** (2013.01 - US); **A61M 15/0065** (2013.01 - US); **A61M 15/0085** (2013.01 - US); **A61M 15/0086** (2013.01 - EP US); **A61M 15/009** (2013.01 - US); **B67D 7/0283** (2013.01 - US); **G07F 7/0609** (2013.01 - EP US); **G07F 9/023** (2013.01 - EP); **G07F 13/025** (2013.01 - EP US); **G07F 13/08** (2013.01 - EP); **G07F 13/10** (2013.01 - EP); **G07F 17/0092** (2013.01 - EP US); **G07F 17/18** (2013.01 - EP); **G16H 20/13** (2017.12 - EP US); **G16H 40/63** (2017.12 - EP US); **A61M 11/005** (2013.01 - EP); **A61M 15/0016** (2014.02 - EP); **A61M 15/0021** (2014.02 - EP); **A61M 15/0085** (2013.01 - EP); **A61M 15/08** (2013.01 - EP); **A61M 16/06** (2013.01 - EP); **A61M 2202/30** (2013.01 - US); **A61M 2205/0205** (2013.01 - EP US); **A61M 2205/0238** (2013.01 - EP US); **A61M 2205/10** (2013.01 - EP US); **A61M 2205/103** (2013.01 - EP); **A61M 2205/14** (2013.01 - EP); **A61M 2205/502** (2013.01 - EP US); **A61M 2205/581** (2013.01 - EP US); **A61M 2205/583** (2013.01 - EP US); **A61M 2205/6063** (2013.01 - EP); **A61M 2205/6072** (2013.01 - EP); **A61M 2205/75** (2013.01 - EP); **A61M 2206/12** (2013.01 - US); **A61M 2206/20** (2013.01 - EP); **A61M 2209/045** (2013.01 - EP US); **A61M 2210/0618** (2013.01 - EP US); **A61M 2210/0625** (2013.01 - EP US)

Citation (search report)

See references of WO 2022013088A1

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BA ME

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